

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant(s) : Phelps et al.
Filed : July 23, 2003
Title : **NON-TOXIC CORROSION-PROTECTION CONVERSION COATS
BASED ON RARE EARTH ELEMENTS**
Docket : UVD 0280 IA/UD 268

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

Docket UVD 0280 IA/UD 268

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it accompanies the new patent application submitted herewith.

The above application is a continuation-in-part of U.S. Application Serial No. 10/038,274 filed January 4, 2002. Pursuant to §1.98(d), copies of those items cited by or submitted to the Office in the prior application are not being submitted, but are listed on PTO/SB/08A, a substitute for form 1449A/PTO.

Respectfully submitted,

KILLWORTH, GOTTMAN, HAGAN
& SCHAEFF, L.L.P.

By 

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BLS/ems
Encl.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	
Filing Date	July 23, 2003
First Named Inventor	Andrew W. Phelps
Art Unit	
Examiner Name	
Attorney Docket Number	UVD 0280 IA

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2003/0027011 A1	02/06/2003	Kotov et al.	
		US- 2003/0024432 A1	02/06/2003	Chung et al.	
		US- 2003/0019391 A1	01/30/2003	Kendig	
		US- 2002/0110642 A1	08/15/2002	Jaworowski et al.	
		US- 2002/0096230 A1	07/25/2002	Hardin et al.	
		US- 2002/0084002 A1	07/04/2002	Hardin et al.	
		US- 2002/0033208 A1	03/21/2002	Krishnaswamy, Jr.	
		US- 2002/0003093 A1	01/10/2002	Dull et al.	
		US- 2001/0018965 A1	09/06/2001	Matsukawa et al.	
		US- 6,503,565 B1	01/07/2003	Hughes et al.	
		US- 6,500,276 B1	12/31/2002	Minevski et al.	
		US- 6,451,443 B1	09/17/2002	Daech	
		US- 6,406,562 B1	06/18/2002	Lu et al.	
		US- 6,395,106 B1	05/28/2002	Minevski et al.	
		US- 6,338,876 B1	01/15/2002	Ishii et al.	
		US- 6,312,812 B1	11/06/2001	Hauser et al.	
		US- 6,287,704 B1	09/11/2001	Preikschat et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 905 279 A1 ✓	03/31/1989	Sermatech International		
		EP 0 902 103 A1 ✓	03/17/1999	Nippon Steel		
		EP 0 839 931 A2 ✓	05/06/1998	Nihon Hyomen Kagaku		
		EP 0 792 922 A1 ✓	09/03/1997	The Boeing Company		
		EP 0 411 609 A2 ✓	02/06/1991	Nippon Paint Co., Ltd.		

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 5**Complete if Known**

Application Number	
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		Number-Kind Code ² (if known)			
		US- 6,248,184 B1	06/19/2001	Dull et al.	
		US- 6,206,982 B1	03/27/2001	Hughes et al.	
		US- 6,200,672 B1	03/13/2001	Tadokoro et al.	
		US- 6,190,780 B1	02/20/2001	Shoji et al.	
		US- 6,033,677	03/07/2000	Cabane et al.	
		US- 6,022,425	02/08/2000	Nelson et al.	
		US- 5,964,928	10/12/1999	Tomlinson	
		US- 5,932,083	08/03/1999	Stoffer et al.	
		US- 5,922,330	07/13/1999	Chane-Ching et al.	
		US- 5,756,218	05/26/1998	Buchheit et al.	
		US- 5,733,361	03/31/1998	Chane-Ching et al.	
		US- 5,635,084	06/03/1997	Mansfeld et al.	
		US- 5,582,654	12/10/1996	Mansfeld et al.	
		US- 5,362,335	11/08/1994	Rungta	
		US- 5,356,492	10/18/1994	Miller	
		US- 5,221,371	06/22/1993	Miller	
		US- 5,194,138	03/16/1993	Mansfeld et al.	
		US- 5,192,374	03/09/1993	Kindler	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 337 075 ✓	10/18/1989	Nippon Paint Co., Ltd.		
		GB 2 259 920 A ✓	03/31/1993	Gibson Chemicals		
		GB 1 241 982 ✓	08/11/1971	Crane Limited		
		GB 2 241 963 A ✓	09/18/1991	Henkel Corporation		
		GB 1238 206 ✓	07/07/1971	Shipley Company, Inc.		

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Considered

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				Application Number	
				Filing Date	July 23, 2003
				First Named Inventor	Andrew W. Phelps
				Art Unit	
				Examiner Name	
Sheet	3	of	5	Attorney Docket Number	UVD 0280 1A

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 01/55029 A1 ✓	08/02/2001	Rhodia Terres Rares		
		WO 01/46495 A2 ✓	06/28/2001	PPG Industries, Ohio		
		WO 01/38225 A1 ✓	05/31/2001	Rhodia Terres Rares		
		WO 01/36331 A1 ✓	05/25/2001	Rhodia Terres Rares		
		WO 01/06035 A1 ✓	01/25/2001	Henkel Kommanditgese		

Examiner Signature		Date Considered	
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Application Number

Filing Date

July 23, 2003

First Named Inventor

Andrew W. Phelps

Art Unit

Examiner Name

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Attorney Docket Number	UVD 0280 IA
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No. 1

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

 τ^2

Abstract: SARMAITIS ET AL., Aqueous solution for the passivation of zinc, in Chemical Abstracts, Vol. 86: 125765k, 1977, p. 278

Abstract: Japan Kokai 76 05,341, SUNAMORI ET AL., Anticorrosive coatings, in Chemical Abstracts Vol. 84: 123610r, 1976, p. 100

Publication: Serial No. 432,610, AGARWALA ET AL., ENVIRONMENTAL CRACK ARRESTMENT COMPOSITION, 10/4/82, pp. 1-5

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